E

ECSA = Extended Common System Area

OS/390: A major element of OS/390 virtual storage above the 16MB line. This area contains pageable system data areas that are addressable by all active virtual storage access spaces. It duplicates the common system area (CSA) which exists below the 16MB line.*

EDIT Line

Predict: The bottom line in the input screen of the functions Add, Copy and Modify. This line determines whether certain attributes are to be created or modified. If Y is entered in input fields in the EDIT line, a Predict editor is called.

Elementary Field

Predict: See Field. In previous versions of Predict, the Predict object type Field was called Elementary Field.

ELPA = Extended Link Pack Area

OS/390: A major element of OS/390 virtual storage above the 16 MB line. It duplicates the link pack area (LPA).*

Endian Mode

Open Systems: Type of architecture for which the compiler generates GPs. There are two modes:

- **big-endian**: the high-order byte of the number is stored in memory at the lowest address, and the low-order byte at the highest address (the big end comes first).
- **little-endian**: the low-order byte of the number is stored in memory at the lowest address, and the high-order byte at the highest address (the little end comes first).

Determined by the ENDIAN session/profile parameter. The ENDIAN parameter is used to increase the execution performance of portable GPs.

Entire Broker

Software AG's middleware technology which addresses vital software communication issues involved in business process reengineering and achieving open enterprise computing. The follow-up technology is EntireX.

Entire Connection

Software AG product for handling host-to-PC communication. Entire Connection provides mainframe terminal emulation, a high-level application program interface, unattended workstation operation, data conversion facilities and related communication tasks.

Entire DB Engine

Software AG's entity relationship database that is based on Adabas.

Entire Net-Work

Software AG's middleware which provides a common communications service for database applications, query tools, cooperative processing applications, application development tools and other software.

Entire Operations

Software AG's online control and scheduling system for the automatic preparation, handling, monitoring and logging of batch processing in the computer center.

Entire Output Management

Software AG product for processing any type of print data in heterogeneous client/server environments without changing the applications or programs that created the data.

Entire System Server

Software AG's self-contained software package that provides operating system services in a Natural environment. When installed on computers that are linked by Entire Net-Work, Entire System Server supports distributed computing environments that can encompass heterogeneous operating systems.

Entire Transaction Propagator

Software AG product used to replicate database files. It allows Adabas users to have duplicate or replicate database files in a single database or distributed network.

EntireX

Software AG's middleware technology for open enterprise computing. It provides a powerful infrastructure to develop distributed applications, the components of which can be ported to a wide range of operating environments. EntireX enables you to integrate legacy applications (e.g. on the mainframe) and GUI-front-ends.

EntireX Broker stub

Interface between the Natural RPC runtime and the EntireX Broker transport layer which exchanges marshalled data between client and server.

EntireX DCOM

Software AG product used to develop DCOM components in a heterogeneous networking environment.

EntireX Manager

To be replaced by System Management Hub.

Entry-sequenced dataset (ESDS)

See ESDS.

ESDS = entry-sequenced dataset

VSAM: A dataset whose records are physically in the same order in which they were put in the dataset. It is processed by addressed direct access or addressed sequential access and has no index. New records are added at the end of the dataset.*

ET = END TRANSACTION

A Natural statement issued to confirm completion of a database transaction. See also Transaction and BACKOUT TRANSACTION (BT).

Event-driven programming

Windows: Event-driven programming allows an application to be driven by input received through the graphical user interface. Thus, the order in which code executes depends on which events occur, which in turn depends on what the user does. See the topic Introduction to Event-Driven Programming in the User's Guide.

Export

Predict: The Coordinator function Export is used to export Predict data in a form which allows data exchange with other systems. You can also export text from attributes of a Predict object (for example extended description or subquery of a File), or from the output of a display-oriented Predict function (for example Retrieval or Active Retrieval), to an external target (for example Natural, a Con-nect document or a PC ASCII file).

External Object

Predict: Objects of applications (data processing systems) that are documented in Predict with documentation objects. External objects can be generated from documentation objects with Generation functions and documentation objects can be created from external objects using Incorporate functions. Comparison functions compare external and documentation objects.

External Interface

Windows: An external interface is an interface which is defined in an interface module, that is included by the class.

Extract

Predict: An Extract is a predefined object type in Predict which fulfills two main functions:

- grouping objects logically
- creating a set of objects to be transferred with the Predict Coordinator.